

DOE Recommendations

- Generate a concise report that articulates the status of polarimetry capabilities, which evaluates remaining risks and challenges, and identifies needed resources. Deliver to the Department of Energy (DOE) by January 2, 2012.
- RHIC management should identify in detail where the running efficiencies are lost and develop a plan articulating how they will address these inefficiencies, with a goal of reaching running efficiencies of at least 85%. Submit the plan to DOE by January 2, 2012.
- Review and clarify the roles and responsibilities of RHIC and the detector collaborations for maintaining and operating detectors and their upgrades and resolve the appropriate funding mechanisms. Conduct a bottom-up exercise of the current and anticipated experimental support needs for RHIC, explaining and justifying the staffing levels. Submit the results to DOE by January 2, 2012.
- Prepare a commissioning plan for the eLens project, which describes commissioning personnel and activities, and durations of tasks and goals in the context of the overall RHIC operations. Present the plan at the next DOE eLens review.
- The nuclear theory group should identify a small number of quantities for important experimental observables and consider focusing some of its efforts on producing quantitative predictions that can be used for precise theory-data comparisons. These results should be presented at the next S&T review.
- BNL management should address user concerns regarding housing upfront and openly so that users know what to expect; a process needs to be developed lab-wide that gives users access to on-site housing. Report progress to DOE at the bi-weekly conference calls.